

AMENDMENT UNDER 37 C.F.R. § 1.111

Application No.: 09/904,558

Atty Docket No.: Q61341

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

Claim 1 (canceled).

Claim 2 (previously presented): A fine particle of aluminum hydroxide comprising a particulate aluminum hydroxide X having a BET specific surface area of $1.0 \text{ m}^2/\text{g}$ or less and a secondary particle size of 35 to 150 μm , a particulate aluminum hydroxide Y having a BET specific surface area of $1.0 \text{ m}^2/\text{g}$ or less and a secondary particle size of 10 to 35 μm and a particulate aluminum hydroxide Z having a BET specific area of $3.0 \text{ m}^2/\text{g}$ or less and a secondary particle size of 0.5 to 10 μm , in a compositional mass ratio falling in the area surrounded by four points of Point α (X:Y:Z=47.5: 25.0:27.5), Point β (X:Y:Z=47.5:50.0:2.5), Point ϵ (X:Y:Z=79:5:16) and Point ϕ (X:Y:Z=67.5:5:27.5) including the lines in the ternary composition diagram shown in Fig. 1 where the entire is assumed to be 100% by mass.

Claim 3 (original): A fine particle of aluminum hydroxide comprising a particulate aluminum hydroxide X having a BET specific surface area of $1.0 \text{ m}^2/\text{g}$ or less and a secondary particle size of 35 to 150 μm , a particulate aluminum hydroxide Y having a BET specific surface area of $1.0 \text{ m}^2/\text{g}$ or less and a secondary particle size of 10 to 35 μm and a particulate aluminum hydroxide Z having a BET specific area of $3.0 \text{ m}^2/\text{g}$ or less and a secondary particle size of 0.5 to 10 μm , in a compositional mass ratio falling in the area surrounded by four points of Point A

AMENDMENT UNDER 37 C.F.R. § 1.111

Application No.: 09/904,558

Atty Docket No.: Q61341

(X:Y:Z=50.0:25.0:25.0), Point B (X:Y:Z=50.0:45.0:5.0), Point C (X:Y:Z=80.0:0.0:20.0) and Point D (X:Y:Z=75.0:0.0:25.0) including the lines in the ternary composition diagram shown in Fig. 2 where the entire is assumed to be 100% by mass.

Claim 4 (original): The fine particle of aluminum hydroxide as claimed in claim 2 or 3, wherein the particulate aluminum hydroxide X has a secondary particle size of 50 to 150 μm , the particulate aluminum hydroxide Y has a secondary particle size of 10 to 25 μm and the particulate aluminum hydroxide Z has a secondary particle size of 0.5 to 8 μm .

Claim 5 (currently amended): A resin composition comprising the fine particles of aluminum hydroxide claimed in any one of claims ~~1 to 42~~ or 3.

Claim 6 (currently amended): A resin composition comprising the fine particle of aluminum hydroxide claimed in any one of claims ~~1 to 42~~ or 3, wherein the viscosity of the resin composition measured at 35°C by a Brookfield type viscometer is less than 200 poises.

Claim 7 (currently amended): A resin composition comprising the fine particle of aluminum hydroxide claimed in any one of claims ~~1 to 42~~ or 3, which is a resin composition for forming an artificial marble.

Claim 8 (currently amended): A resin composition comprising the fine particle of aluminum hydroxide claimed in any one of claims ~~1 to 42~~ or 3, which comprises at least one resin selected from the group consisting of an unsaturated polyester resin, an acrylic resin, a vinyl ester resin and an epoxy resin.

AMENDMENT UNDER 37 C.F.R. § 1.111

Application No.: 09/904,558

Atty Docket No.: Q61341

Claim 9 (currently amended): A resin composition comprising the fine particle of aluminum hydroxide claimed in any one of claims ~~1 to 42~~ or 3, which is a cured resin composition.

Claim 10 (previously presented): A fine particle of aluminum hydroxide comprising a particulate aluminum hydroxide X having a BET specific surface area of $1.0 \text{ m}^2/\text{g}$ or less and a secondary particle size of 35 to 150 μm , a particulate aluminum hydroxide Y having a BET specific surface area of $1.0 \text{ m}^2/\text{g}$ or less and a secondary particle size of 10 to 35 μm and a particulate aluminum hydroxide Z having a BET specific area of $3.0 \text{ m}^2/\text{g}$ or less and a secondary particle size of 0.5 to 10 μm , in a compositional mass ratio falling in the area surrounded by four points of Point A (X:Y:Z=50.0:25.0:25.0), Point B (X:Y:Z=50.0:45.0:5.0), Point R (X:Y:Z=76.7:5:18.3) and Point S (X:Y:Z=70:5:25) including the lines in the ternary composition diagram shown in Fig. 2 where the entire is assumed to be 100% by mass.

Claim 11. (new): A resin composition comprising the fine particle of aluminum hydroxide claimed in claim 4, wherein the viscosity of the resin composition measured at 35°C by a Brookfield type viscometer is less than 200 poises.

Claim 12. (new): A resin composition comprising the fine particle of aluminum hydroxide claimed in claim 4, which comprises at least one resin selected from the group consisting of an unsaturated polyester resin, an acrylic resin, a vinyl ester resin and an epoxy resin.